

Message

**From:** Oswald, Eric (DEQ) [OswaldE1@michigan.gov]  
**Sent:** 8/1/2018 3:36:09 PM  
**To:** Poy, Thomas [poy.thomas@epa.gov]  
**Subject:** FW: Updated Water Quality Results  
**Attachments:** Parchment PFAS.xlsx

Tom, latest sampling results are attached.

We have seen a significant up-tick in manganese at one site on the Kalamazoo side. We believe this is sediment being picked up by increased flow due to the new connection. We are looking into the cause and conducting further testing. The site is Fire Station 3 on the attached spreadsheet and I have highlighted the high results in yellow.

Eric

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**From:** Deater, Shannan <deaters@kalamazoocity.org>  
**Sent:** Wednesday, August 1, 2018 11:31 AM  
**To:** Bishop, Heather (DEQ) <BishopH@michigan.gov>  
**Cc:** Graham, Lois (DEQ) <GRAHAML@michigan.gov>; Krisztian, George (DEQ) <krisztiang@michigan.gov>; Oswald, Eric (DEQ) <OswaldE1@michigan.gov>; Onan, Brandon (DEQ) <OnanB@michigan.gov>; Bloemker, Jon (DEQ) <BLOEMKERJ@michigan.gov>; Paquin, John <PaquinJ@kalamazoocity.org>; Baker, James <bakerj@kalamazoocity.org>; Johnson, Teresa <johnsont@kalamazoocity.org>; Skalski, Steve <skalskis@kalamazoocity.org>; Cornell, Jim <cornellj@kalamazoocity.org>; Spitzner, Tom <spitznert@kalamazoocity.org>; Joe Parchment <superintendent@parchment.org>; Spitzner, Tom <spitznert@kalamazoocity.org>  
**Subject:** Updated Water Quality Results

This morning's chlorine residuals can be found below and in the attached spreadsheet:

8/1/18 a.m.	Fire Station 3	Mount Olivet	Public Works	Parchment Professional Building	Speedway	Hydrant-Adams/ Oh Scrap	Hydrant-Solvei
Total Chlorine Residual	1.4	0.65	0.86	0.87	0.77	0.18	0.41
Free Chlorine Residual	1.30	0.50	0.72	0.74	0.67	0.09	0.27

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**From:** Deater, Shannan  
**Sent:** Tuesday, July 31, 2018 11:43 PM  
**To:** Heather Bishop  
**Cc:** 'Graham, Lois (DEQ)'; 'Krisztian, George (DEQ)'; 'Oswald, Eric (DEQ)'; 'Onan, Brandon (DEQ)'; 'Bloemker, Jon (DEQ)'; Paquin, John; Baker, James; Johnson, Teresa; Skalski, Steve; Cornell, Jim; Spitzner, Tom; 'Joe Parchment'; Spitzner, Tom  
**Subject:** Updated Water Quality Results

The chlorine residuals at the Borgess hydrant were 0.99 total and 0.84 free at 5:15 this afternoon. All other water quality parameters and chlorine residuals are updated on the attached spreadsheet.

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